CURRICULUM VITAE

8 Mar 2024

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Position: Assistant Professor
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Education

Feb, 2011	Bachelor Degree, Yonsei University College of Medicine, Seoul, Korea
Aug, 2022	Ph.D. Course of Medical Science, Yonsei University College of Medicine, Seoul, Korea

License

2011	Licensed to Practice Medicine in Korea. #106589
2016	Korean Board of Radiology. #3537

Training & Employment

Mar. 2011 - Feb. 2012	Internship, Severance Hospital, Yonsei University College of Medicine, Seoul, Korea
Mar. 2012 - Feb. 2016	Residency, Severance Hospital, Department of Radiology, Yonsei University College of Medicine, Seoul, Korea
Mar. 2019 - Feb. 2021	Clinical and Research Fellowship, Severance Hospital, Division of Neuroradiology, Department of Radiology, Yonsei University College of Medicine, Seoul. Korea
Mar. 2021-	Clinical Assistant Professor, Division of Neuroradiology, Department of Radiology, Yonsei University College of Medicine, Seoul. Korea
Mar. 2024	Assistant Professor, Division of Neuroradiology, Department of Radiology, Yonsei University College of Medicine, Seoul. Korea

GCP Training

1. The IRB Committee & Clinical Investigator Workshop of Clinical Trials Center, Yonsei University Medical Center, Mar. 2024

Bibliography

1. Joo B, Park MS, Lee SH, Choi HJ, Lim ST, Rha SY, Rachmilevitch I, Lee YH, Suh JS. Pain palliation in patients with bone metastases using magnetic resonance-guided focused ultrasound with conformal bone system: a preliminary report. Yonsei Med J. 2015 Mar;56(2):503-9. doi: 10.3349/ymj.2015.56.2.503.
2. Joo B, Han K, Choi YS, Lee SK, Ahn SS, Chang JH, Kang SG, Kim SH, Zhou J. Amide proton transfer imaging for differentiation of benign and atypical meningiomas. Eur Radiol. 2018 Jan;28(1):331-339. doi: 10.1007/s00330-017-4962-1.
3. Joo B, Han K, Ahn SS, Choi YS, Chang JH, Kang SG, Kim SH, Zhou J, Lee SK. Amide proton transfer imaging might predict survival and IDH mutation status in high-grade glioma. Eur Radiol. 2019 Dec;29(12):6643-6652. doi: 10.1007/s00330-019-06203-x.
4. Joo B, Ahn SS, Yoon PH, Bae S, Sohn B, Lee YE, Bae JH, Park MS, Choi HS, Lee SK. A deep learning algorithm may automate intracranial aneurysm detection on MR angiography with high diagnostic performance. Eur Radiol. 2020 Nov;30(11):5785-5793. doi: 10.1007/s00330-020-06966-8.
5. Joo B, Choi HS, Ahn SS, Cha J, Won SY, Sohn B, Kim H, Han K, Kim HP, Choi JM, Lee SM, Kim TG, Lee SK. A Deep Learning Model with High Standalone Performance for Diagnosis of Unruptured Intracranial Aneurysm. Yonsei Med J. 2021 Nov;62(11):1052-1061. doi: 10.3349/ymj.2021.62.11.1052.
6. Joo B, Kim J, Hwang JK, Shim KW, Lee SK. Salvage multiple burr hole surgery in patients with Moyamoya disease: efficacy evaluation using probabilistic independent component analysis of dynamic susceptibility contrast perfusion MRI. Neuroradiology. 2022 Sep;64(9):1737-1745. doi: 10.1007/s00234-022-02909-w.
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8. Joo B, Park M, Ahn SJ, Suh SH. Assessment of Meningeal Lymphatics in the Parasagittal Dural Space: A Prospective Feasibility Study Using Dynamic Contrast-Enhanced Magnetic Resonance Imaging. Korean J Radiol. 2023 May;24(5):444-453. doi: 10.3348/kjr.2022.0980.
9. Joo B, Won SY, Sinkus R, Lee SK. Viscoelastic Property of the Brain Assessed With Magnetic Resonance Elastography and Its Association With Glymphatic System in Neurologically Normal Individuals. Korean J Radiol. 2023 Jun;24(6):564-573. doi: 10.3348/kjr.2022.0992.
10. Joo B, Ahn SS, An C, Han K, Choi D, Kim H, Park JE, Kim HS, Lee SK. Fully automated radiomics-based machine learning models for multiclass classification of single brain tumors: Glioblastoma, lymphoma, and metastasis. J Neuroradiol. 2023 Jun;50(4):388-395. doi: 10.1016/j.neurad.2022.11.001.